

Title (en)
HIGHLY MULTIPLEXED ASSAYS

Title (de)
STARK GEBÜNDELTE ASSAYS

Title (fr)
DOSAGES HAUTEMENT MULTIPLEXÉS

Publication
EP 3136103 A1 20170301 (EN)

Application
EP 16188573 A 20081002

Priority
• US 99794907 P 20071005
• EP 12171840 A 20081002
• EP 08838435 A 20081002
• US 2008011444 W 20081002

Abstract (en)
Methods are provided for detecting and optionally quantitating multiple analytes, including nucleic acid and/or polypeptide analytes, in assays that can be highly multiplexed. Compositions, systems, and kits relating to the methods are also featured.

IPC 8 full level
G01N 33/68 (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01)

CPC (source: EP US)
C12Q 1/6816 (2013.01 - EP US); **C12Q 1/6834** (2013.01 - EP US); **G01N 33/54333** (2013.01 - EP US); **Y10S 435/973** (2013.01 - EP US); **Y10T 436/143333** (2015.01 - EP US)

Citation (search report)
• [A] WO 2007044427 A2 20070419 - PANOMICS INC [US], et al
• [A] CARSON R T ET AL: "Simultaneous quantitation of 15 cytokines using a multiplexed flow cytometric assay", JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 227, no. 1-2, 30 July 1999 (1999-07-30), pages 41 - 52, XP004178041, ISSN: 0022-1759, DOI: 10.1016/S0022-1759(99)00069-1
• [A] VIGNALI D A A: "Multiplexed particle-based flow cytometric assays", JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 243, no. 1-2, 21 September 2000 (2000-09-21), pages 243 - 255, XP004210704, ISSN: 0022-1759, DOI: 10.1016/S0022-1759(00)00238-6
• [A] KELLAR K L ET AL: "Multiplexed microsphere-based flow cytometric assays", EXPERIMENTAL HEMATOLOGY, ELSEVIER INC, US, vol. 30, no. 11, 1 November 2002 (2002-11-01), pages 1227 - 1237, XP002326860, ISSN: 0301-472X, DOI: 10.1016/S0301-472X(02)00922-0
• [A] KOPF E ET AL: "Panorama Ab Microarray Cell Signaling kit: a unique tool for protein expression analysis", PROTEOMICS, WILEY - VCH VERLAG, WEINHEIM, DE, vol. 5, no. 9, 1 June 2005 (2005-06-01), pages 2412 - 2416, XP002442616, ISSN: 1615-9853
• [A] REECE ET AL: "Characterization of differential gene expression profiles in diabetic embryopathy using DNA microarray analysis", AMERICAN JOURNAL OF OBSTETRICS & GYNECOLOGY, MOSBY, ST LOUIS, MO, US, vol. 195, no. 4, 1 October 2006 (2006-10-01), pages 1075 - 1080, XP005659727, ISSN: 0002-9378, DOI: 10.1016/J.AJOG.2006.05.054
• [A] YANG HONG-LIANG ET AL: "In silico and microarray-based genomic approaches to identifying potential vaccine candidates against Leptospira interrogans", BMC GENOMICS, BIOMED CENTRAL, LONDON, GB, vol. 7, no. 1, 16 November 2006 (2006-11-16), pages 293, XP021022258, ISSN: 1471-2164, DOI: 10.1186/1471-2164-7-293

Cited by
US11661631B2; US11773441B2; USRE48913E; US11390914B2; US11492660B2; US11365409B2; US11932849B2; US10640763B2; US11220685B2; US11319583B2; US11639517B2; US11932901B2; US11970737B2; US11993814B2; US10669570B2; US11332776B2; US11525157B2; US11649497B2; US11661625B2; US11739443B2; US11535882B2; US11773436B2; US11939622B2; US10927419B2; US10941396B2; US10954570B2; US11618929B2; US11634708B2; US11702706B2; US11460468B2; US11467157B2; US11782059B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009048530 A2 20090416; WO 2009048530 A3 20090730; EP 2203749 A2 20100707; EP 2203749 A4 20101208; EP 2203749 B1 20120829; EP 2511708 A1 20121017; EP 2511708 B1 20160914; EP 3136103 A1 20170301; EP 3136103 B1 20180829; US 2009131269 A1 20090521; US 2012202293 A1 20120809; US 8114681 B2 20120214; US 8685753 B2 20140401

DOCDB simple family (application)
US 2008011444 W 20081002; EP 08838435 A 20081002; EP 12171840 A 20081002; EP 16188573 A 20081002; US 201213347065 A 20120110; US 28706208 A 20081002